### 2002 Research Grants

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Institution</th>
<th>Project Title</th>
<th>Award Amount</th>
<th>Research Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schahram Akbarian, M.D., Ph.D.</td>
<td>University of Massachusetts Medical School</td>
<td>&quot;Post-Translational Modifications of Histones in Cerebral Cortex of Normal and of MeCP2-deficient Mice.&quot;</td>
<td>$85,000</td>
<td>The Massachusetts Rett Syndrome Association</td>
</tr>
<tr>
<td>John Aletta, Ph.D.</td>
<td>University of Buffalo School of Medicine</td>
<td>&quot;Post-Translational Modification of MeCP2 by Arginine Methylation&quot;</td>
<td>$95,120</td>
<td>Family and Friends of Jessie Lebson</td>
</tr>
<tr>
<td>Rudolf Jaenisch, M.D.</td>
<td>Whitehead Institute for Biomedical Research</td>
<td>&quot;Mecp2 Deficiency in Mice: Can the Course of RTT-like Disease Development be Modified?&quot;</td>
<td>$100,000</td>
<td></td>
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<tr>
<td>Hannah Kinney, M.D.</td>
<td>Harvard Medical School</td>
<td>&quot;Serotonin in the Rett Medulla&quot;</td>
<td>$50,000</td>
<td>Family and Friends of Lauren Stevens</td>
</tr>
<tr>
<td>Deborah Bourc'his, Ph.D.</td>
<td>Columbia University</td>
<td>&quot;Involvement of DNA Methylation in the Etiology of Rett Syndrome in a Mouse Model.&quot;</td>
<td>$100,000</td>
<td>Dr. and Mrs. Jeremy Chess</td>
</tr>
<tr>
<td>Peng Jin, Ph.D.</td>
<td>Emory University School of Medicine</td>
<td>&quot;Identification of Target Genes of MeCP2 in Neurons.&quot;</td>
<td>$100,000</td>
<td></td>
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<tr>
<td>Juan I. Young, Ph.D.</td>
<td>Baylor College of Medicine</td>
<td>&quot;Is Rett Syndrome Reversible? Conditional Restoration of MeCP2 Function in a Mouse Model for Rett Syndrome.&quot;</td>
<td>$100,000</td>
<td>Alan P. Wolfe Memorial Fellowship</td>
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</tbody>
</table>

### 2002 Post-Doctoral Fellowships

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<tr>
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<th>Institution</th>
<th>Project Title</th>
<th>Award Amount</th>
<th>Research Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeffrey C. Hansen, Ph.D.</td>
<td>University of Texas Health Science Center at San Antonio</td>
<td>&quot;Solution-state Characterization of Native and Mutant MeCP2 Interactions with Chromatin and Sin3p.&quot;</td>
<td>$99,000</td>
<td>Gardner Family Foundation</td>
</tr>
<tr>
<td>Aharon Razin, Ph.D.</td>
<td>The Hebrew University of Jerusalem-Hadassah Medical School, Israel</td>
<td>&quot;MeCP2 and Rett Syndrome.&quot;</td>
<td>$50,000</td>
<td>Rett Syndrome Association of Illinois / Adam (Buddha) Lavey</td>
</tr>
<tr>
<td>Bryan M. Turner, Ph.D.</td>
<td>University of Birmingham Medical School</td>
<td>&quot;Histone Deacetylase Complexes Assembled on Wild-Type and Mutant MeCP2: Functional Properties and Genomic Distribution.&quot;</td>
<td>$49,940</td>
<td></td>
</tr>
</tbody>
</table>
### 2001 Post-Doctoral Fellowships

  
  Mentor: John Christodoulou, Ph.D.
  
  2-Year Award: $88,000

- **Joel M. Harp, Ph.D.**, The University of Virginia: "X-ray Crystallographic Studies of MeCP2 on a Chromatin Substrate.
  
  Mentor: David Allis, Ph.D.
  
  2-Year Award: $100,000

- **Noriyuki Kishi, M.D., Ph.D.**, Children’s Hospital, Harvard Medical School: "Molecular Controls Over Differentiation of Cortical Projection Neurons from Neural Precursors: Normal and MeCP2 -/-.
  
  Mentor: Jeffrey Macklis, M.D., D.HST
  
  2-Year Award: $100,000

  
  Mentor: Keith D. Robertson, Ph.D.
  
  2-Year Award: $105,000

  **Recipient of the Alan P. Wolfe Memorial Fellowship**

### 2000 Research Grants

- **Dean F. Wong, M.D., Ph.D.**, Johns Hopkins University School of Medicine: "Dysfunction of High-Affinity α4/β2 Nicotinic Acetylcholine Neuronal Receptors in Rett Syndrome."
  
  1-Year Award: $50,000

  **Research Sponsor**: Family and Friends of Chelsea Coenenraads

- **Janine M. LaSalle, Ph.D.**, University of California, Davis: "The Role of MECP2 in Parental Imprinting.
  
  2-Year Award: $99,522

  
  1-Year Award: $50,000

- **Jan Marino Ramirez, Ph.D.**, University of Chicago: "Neural Mechanisms Underlying Erratic Breathing."
  
  2-Year Award: $78,960

- **Paul Wade, Ph.D.**, Emory University: "Methylated DNA binding proteins: Structure, function, and molecular interactions."
  
  2-Year Award: $100,000

  **Research Sponsor for Both Years**: The Massachusetts Rett Syndrome Association

- **Brian Chadwick, Ph.D.**, Case Western Reserve University: "Heterochromatin Protein Localization and Effect on Gene Silencing in Rett Syndrome."
  
  Mentor: Huntington Willard, Ph.D.
  
  2-Year Award: $100,000

  **Research Sponsor**: Reading Rock, Inc.

- **Karen Monier, Ph.D.**, The Scripps Research Institute: "Role of MeCP2 in the formation of centric heterochromatin compartments in neurons."
  
  Mentor: Kevin F. Sullivan, Ph.D.
  
  2-Year Award: $90,000

- **Christopher Rankin, Ph.D.**, National Institute of Neurological Disorders and Stroke (NINDS, NIH): "Embryonic Stem Cells in the Study of Rett Syndrome Neuropathology."
  
  Mentor: Ronald McKay, Ph.D.
  
  1-Year Award: $50,000

- **Dirk Schubeler, Ph.D.**, Fred Hutchinson Cancer Research Center: "Characterization of MeCP2, MBD1 and MBD2 Binding and Activity In Vivo Using Targeted Methylation."
  
  Mentor: Mark Groudine, M.D., Ph.D.
  
  2-Year Award: $100,000